

BEST AVAILABLE COPY**ASSIGNMENT**

U.S. Provisional Application

U.S. Utility Patent Application

Attorney Docket No. 104473

WHEREAS, **LASZLO T. NEMETH**, a citizen of the United States of America, residing in the City of Palatine, in the County of Cook, and State of Illinois; **JEFFERY C. BRICKER**, a citizen of the United States of America, residing in the City of Buffalo Grove, in the County of Lake, and State of Illinois; **JULE RABO**, a citizen of the United States of America, residing in the City of Armonk in the County of Westchester and State of New York; and **RALPH D. GILLESPIE**, a citizen of the United States of America, residing in the City of Gurnee, in the County of Lake, and State of Illinois; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

DIRECT CARBONYLATION OF PARAFFINS USING SOLID STRONG ACID CATALYSTS

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application, the inventions disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Laszlo Nemeth 1/11/2000

LASZLO T. NEMETH

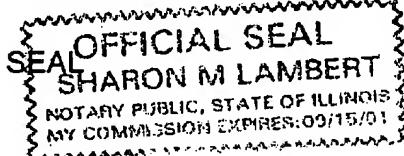
Date

01/27/00

Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 1/11/2000, personally appeared **LASZLO T. NEMETH**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.



Sharon M. Lambert

Notary Public

Jeffrey C. Bricker

JEFFERY C. BRICKER

1/11/2000

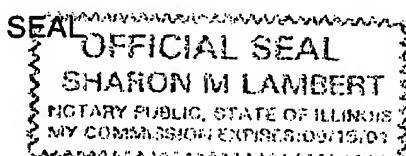
Date

1/11/2000

Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 1/11/2000, personally appeared **JEFFERY C. BRICKER**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.



Sharon M. Lambert

Notary Public

Jule Rabo Jan 14, 2000 1/14/00
JULE RABO Date Date Executed
 Application for Letters Patent

State of New York
 County of Westchester

Before me, on this day, January 14, 2000, personally appeared **JULE RABO**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL

Ann Leba
 Notary Public

Notary Public
 Commission Expires 4/25/00

Ralph D. Gillespie 1/6/2000 1/06/00
RALPH D. GILLESPIE Date Date Executed
 Application for Letters Patent

State of Illinois
 County of Cook

Before me, on this day, JAN 6, 2000, personally appeared **RALPH D. GILLESPIE** to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Wanda I. Crocker
 Notary Public

AUGUST 21, 2001

PTAS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

UOP LLC
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25 EAST ALGONQUIN ROAD
P.O. BOX 5017
DES PLAINES, ILLINOIS 60017-5017

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RECORDATION DATE: 08/20/2001

REEL/FRAME: 011879/0687

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

NEMETH, LASZLO T.

DOC DATE: 01/27/2000

ASSIGNEE:

BRICKER, JEFFERY C.

DOC DATE: 01/11/2000

ASSIGNEE:

RABO, JULE

DOC DATE: 01/14/2000

ASSIGNEE:

GILLESPIE, RALPH D.

DOC DATE: 01/06/2000

ASSIGNEE:

UOP LLC
25 EAST ALGONQUIN ROAD
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DES PLAINES, ILLINOIS 60017-5017

SERIAL NUMBER: 09470631

FILING DATE: 12/22/1999

PATENT NUMBER:

ISSUE DATE:

Page 1 of 2

ASSIGNMENT

 U.S. Provisional Application U.S. Utility Patent Application

Attorney Docket No. 106207-1

WHEREAS, **RALPH D. GILLESPIE**, a citizen of UNITED STATES OF AMERICA, residing in the City of GURNEE, in the County of LAKE and State of ILLINOIS, and **MICHELLE J. COHN**, a citizen of UNITED STATES OF AMERICA, residing in the City of GLENVIEW, in the County of COOK and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

HIGH-ACTIVITY ISOMERIZATION CATALYST AND PROCESS

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application, the inventions disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Application No. 718 050 filed 11-20-03

Atty. Docket # 106207-1

(Rev. 03-21-C0)

PAGE 19/22 * RCVD AT 1/17/2005 5:08:42 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:847 391 2387 * DURATION (mm:ss):08:30

Page 2 of 2



Ralph D. Gillespie

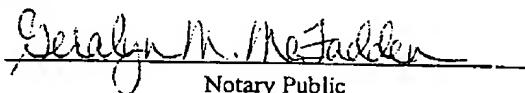
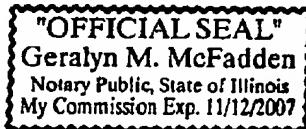
11/19/2003

Date

11/19/2003Date Executed
Application for Letters PatentState of Illinois
County of Cook

Before me, on this day, 11-19-03, personally appeared **RALPH D. GILLESPIE**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Notary Public



Michelle J. Cohn

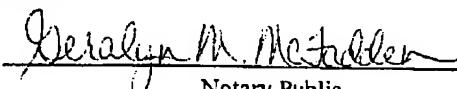
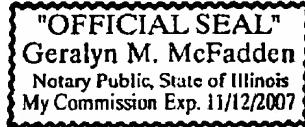
11/20/2003

Date

11/20/2003Date Executed
Application for Letters PatentState of Illinois
County of Cook

Before me, on this day, 11-20-03, personally appeared **MICHELLE J. COHN**, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Notary Public

Application No. 101 718 050 filed 11-20-03

Atty. Docket # 106207-1

(Rev. 03-21-00)



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SUITE 320, WASHINGTON, D.C. 20231.

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NUMBER OF PAGES: 4

BRIEF: RECORD TO CORRECT WRONG APPL. NO. 10718,520 TO 10718,050
PREVIOUSLY RECORDED AT REEL

ASSIGNOR:

GILLESPIE, RALPH D.

DOC DATE: 11/19/2003

ASSIGNOR:

COHN, MICHELLE J.

DOC DATE: 11/20/2003

ASSIGNEE:

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SERIAL NUMBER: 10718050

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

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UOP PATENT DPT.

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